CLAIMS

1. A digital signal distributing installation comprising

   - an ADSL modem with a first and a second port

   - a first coupler to be connected to the first port of the modem on the one side and to an electric power distribution line on the other side,

   characterized in that it comprises

   - an auxiliary electric power distribution line,

   - a filtering circuit interposed between the electric power distribution line and the auxiliary electric power distribution line,

   - one common housing for holding the filtering circuit and the first coupler and in that

   - the auxiliary electric power distribution line comprises multiple standardized sockets.

2. The installation as set forth in claim 1, characterized in that it comprises a second coupler to be connected to an ADSL line input on the one side and to the electric power distribution line on the other side.

3. The installation as set forth in claim 2, characterized in that the second coupler is located near an end of the telephone transmission line.

4. The installation as set forth in any of the claims 1 through 3, characterized in that it comprises, in the

ADSL line input, a separator circuit for separating telephony signals from ADSL signals.

5. The installation as set forth in any of the claims 1 through 4, characterized in that the filtering circuit comprises series inductance in a branch connected to a connection of the electric power distribution line.

6. The installation as set forth in any of the claims 1 through 5, characterized in that the filtering circuit comprises series inductance in each of the branches connected to the connections of the electric power distribution line.

7. The installation as set forth in any of the claims 5 through 6, characterized in that an inductance has a value such that it makes certain that the resonance frequency of the circuit it forms with an input capacity of a supply circuit connected to the auxiliary line is far less than 100 kHz, for example on the order of 30 kHz, said value being in practice on the order of 4 MHz.

8. The installation as set forth in any of the claims 1 through 7, characterized in that, on the electric power distribution line, the impedance of the filtering circuit is in excess of 2 kilohms in the frequency range used for ADSL transmission.